

Date Book
For
1927

CALENDAR FOR 1927

1927	S	M	T	W	T	F	S	1927	S	M	T	W	T	F	S
Jan.	...	...	...	...	...	...	1	July	...	...	...	...	...	1	2
	2	3	4	5	6	7	8		3	4	5	6	7	8	9
	9	10	11	12	13	14	15		10	11	12	13	14	15	16
	16	17	18	19	20	21	22		17	18	19	20	21	22	23
	23	24	25	26	27	28	29		24	25	26	27	28	29	30
	30	31	...	...	...	...	...		31	...	...	...	...	...	...
Feb.	...	...	1	2	3	4	5	Aug.	...	1	2	3	4	5	6
	6	7	8	9	10	11	12		7	8	9	10	11	12	13
	13	14	15	16	17	18	19		14	15	16	17	18	19	20
	20	21	22	23	24	25	26		21	22	23	24	25	26	27
	27	28	...	...	...	...	...		28	29	30	31	...	...	...
Mar.	...	...	1	2	3	4	5	Sept.	...	...	...	...	1	2	3
	6	7	8	9	10	11	12		4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	..
Apr.	...	...	...	...	...	1	2	Oct.	...	...	...	...	...	...	1
	3	4	5	6	7	8	9		2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
									30	31	...	...	...	...	..
May	1	2	3	4	5	6	7	Nov.	...	...	1	2	3	4	5
	8	9	10	11	12	13	14		6	7	8	9	10	11	12
	15	16	17	18	19	20	21		13	14	15	16	17	18	19
	22	23	24	25	26	27	28		20	21	22	23	24	25	26
	29	30	31	...	...	...	...		27	28	29	30	...	...	...
June	...	...	...	1	2	3	4	Dec.	...	...	...	...	1	2	3
	5	6	7	8	9	10	11		4	5	6	7	8	9	10
	12	13	14	15	16	17	18		11	12	13	14	15	16	17
	19	20	21	22	23	24	25		18	19	20	21	22	23	24
	26	27	28	29	30				25	26	27	28	29	30	31

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Date Book For 1927

Trade Mark

K & T

Reg. U. S. Pat. Off.

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1927 Saturday 1, January

January Sunday 2, 1927

1927

Monday 3, January

January Tuesday 4, 1927

1927 Wednesday 5, January

January Thursday 6, 1927

1927

Friday 7, January

January Saturday 8, 1927

1927

Sunday 9,

January

January Monday 10, 1927

1927 Tuesday 11, January

January Wednesday 12, 1927

1927 Thursday 13, January

January Friday 14, 1927

1927 Saturday 15, January

January Sunday 16, 1927

1927

Monday 17, January

January Tuesday 18, 1927

1927 Wednesday 19, January

January Thursday 20, 1927

1927

Friday 21, January

January Saturday 22, 1927

1927

Sunday 23, January

January Monday 24, 1927

1927 Tuesday 25, January

January Wednesday 26 1927

1927 Thursday 27, January

January Friday 28, 1927

1927 Saturday 29, January

January Sunday 30, 1927

Went to El Monte for a family picnic with Youngs, Werts, Spencers, Cronans. Start at 11³⁰ back at 5³⁰ a clear warm day. Hunted before lunch in the rocks on the hillside to the south of the picnic grounds. Got one V. h. and one bat. Another lizard seen by Spencer; could not check. After lunch walked across the river. No frogs seen, nor pollywogs. Nothing seen on the road. Miles 56.

1927

Monday 31, January

February Tuesday 1, 1927

1927 Wednesday 2, February

February Thursday 3, 1927

1927

Friday 4, February

February Saturday 5, 1927

1927

Sunday 6, February

February Monday 7, 1927

1927 Tuesday 8, February

February Wednesday 9, 1927

Drove to KA. today County line 62
mi. nothing seen. Fine day.

1927 Thursday 10, February

Drove back from L.A. Rainy and
dark after Oceanside. Nothing seen.

February Friday 11, 1927

1927 Saturday 12, February

February Sunday 13, 1927

1927 Monday 14, February

February Tuesday 15, 1927

1927 Wednesday 16, February

February Thursday 17, 1927

1927

Friday 18, February

February Saturday 19, 1927

1927 Sunday 20, February

Went for a walk up 4th St. Found
a tiny batrachoseps only $\frac{3}{4}$ " long
under a board.

February Monday 21, 1927

1927 Tuesday 22, February

February Wednesday 23, 1927

1927 Thursday 24, February

February Friday 25, 1927

1927 Saturday 26, February

Went for a ride with Philip at 1³⁰; returned at 4³⁰. 54 miles. A dull punless day. To Tia Juana, Benita, Sweetwater Dam and hemon grove. Saw plenty toads run over in the road but no snakes. Detenue had said he saw 3 in the Tia Juana Valley after the flood but I couldnt find any.

February Sunday 27, 1927

Went to Morena (north of Old Town)
at 3 P.M. Returned at 4³⁰. A good
sunny day. Walked about a mile
along the Santa Fe R. of W. overturning
trees boards etc. got 1 batrachoseps.

Saw plenty pollywogs in one pond. Also
saw one lizard, probably medium alligator.
Got one large ring-neck under a tin
sign; was coiled up.

1927

Monday 28, February

March Tuesday 1, 1927

Went to Rotary Club in Escondido for lunch with Tom Bridges. Start at 10⁴⁵; back at 3¹⁵. A fine clear warm day. 64 miles.

Got one garter at Poway. Had been run over but was still alive and OK for a specimen. Also saw something looked like a dead snake on Poway grade but couldn't stop.

1927 Wednesday 2, March

March Thursday 3, 1927

1927

Friday 4,

March

March Saturday 5, 1927

1927

Sunday 6,

March

Went to the north foot of Paray
Grade. Started at 2³⁰; returned
at 6 P.M. 35 miles. A clear
warm day. Got 2 b.a. on
5th st opposite A.E.K's flat.
Picked up A.E.K. got 2 b.a. under
stones at foot of Paray Grade, north
side. Got one small Uta under
a board at Miramar junction.
No snakes seen alive or dead.

March

Monday 7,

1927

1927

Tuesday 8,

March

March Wednesday 9, 1927

1927

Thursday 10,

March

March

Friday 11,

1927

1927 Saturday 12, March

March Sunday 13, 1927

✓ a fine day but did not go out.
Nursing a colt.

Philip caught an alligator
lizard

1927

Monday 14,

March

March Tuesday 15, 1927

1927 Wednesday 16, March

Heard today of many snakes being seen lately so after lunch went out to Flynn Springs via Lakeside returning via Bortonia. Start 1:30; Return 4¹⁵. 54 miles. A clear warm day after a week of fine weather. Saw nothing alive or dead.

- Miss Arnold brought in 7
- B.A. today. Some very small. Last week 6.

March Thursday 17, 1927

1927

Friday 18,

March

March Saturday 19, 1927

A fine warm clear day. Rather dry went to Ramona and return with Philip. Start at 1³⁰ Return at 5³⁰ miles 77 x Went via Bortonia and Lakeside. Returned via Lakeside - Calexico.

No snakes seen on the road alive or dead.

One squashed Alligator lizard on the road at Foster.

Stopped at top of grade just north of where Wildwood road branches and hunted in the rocks about 1 hour.

Got one X.b. one large skink and one large *Hypsiglena*. Saw several more X.b. but lost them. Saw one *Oreocetes*. Very few lizards running about. Saw only one other - couldn't tell what it was.

The skink was under a stone resting on the ground.

The Spotted night snake was under a rock resting on another rock - flat on top.

1927 Sunday 20, March

A fine warm clear day although a little chilly and windy beyond Pine Valley. 170 miles.

Went to top of Mountain Springs grade with family and team. Stopped for lunch between Pine Valley and Buckmans.

Start at noon; returned at 6³⁰.

Did no hunting. No live snakes or lizards seen on the road.

Saw what may have been a dead snake near Flynn Springs but did not stop.

March Monday 21, 1927

1927

Tuesday 22,

March

March Wednesday 23, 1927

1927 Thursday 24, March

Went to La Jolla to take ggg
out. Good clear day. 30 miles
33° to 60° P.M.

1 Dead gopher snake large
on the road at Rose Cañon branch.

March

Friday 25,

1927

Went to La Jolla in the
afternoon. A cloudy day. Saw nothing.
miles 28

1927 Saturday 26, March

Went to La Bolla in the morning.
A clearing day. Saw nothing. Mules? ²⁸

In the afternoon went to Dulzura Summit with Hugo and Ed. Clear and warm. Start at 5 P.M.; return at 6³⁰. Mules 68 x.

Saw no snakes on the road alive or dead. Saw one small lizard and probably one horned toad.

Hunted at Dulzura Summit.
Got 8 *Xantusias* and lost several more. Were under flakes as usual.

Got one medium *C. eximius*. Was under a flat rock exposed to sun. Could be seen from the side. No fight.

Got one large red *C. mitchelli*. Was coiled in the usual place under a large rock with a hollow underneath. Retreated inside at once. Could be seen from the side. Hard to get but finally landed him.

On the road saw 4 lizards; one was probably a horned toad. Only one or two (besides x.h.) in the rocks. One was an *Oreocetes*.

March Sunday 27, 1927

A part cloudy day. little sunshine where we hunted. Too cold for snakes.

Went to County line at Rainbow with family + Harriett C. Start at 145. Returned at 6¹⁰. Went via Oceanside; returned via Camp Kearney and La Jolla. Total miles 157.

Saw no live snakes. One dead garter snake (*T. sirtalis infernalis*?) on the road (east side) about 1/2 mile north of Bonnell. Saved specimen.

Hunted in the rocks about 1/2 mile north of Rainbow. Hunted diligently but got nothing. Saw a couple of skellies and another unidentified lizard. Rocks not good quality to flake; some hard some soft. Saw no *Xantusia*.

A poor day (except for the surprising garter snake) owing principally to coolness and lack of sunshine. The virtual absence of snakes on the road indicates that they are not traveling much as yet but they should be out in the rocks.

1927

Monday 28,

March

March

Tuesday 29,

1927

1927 Wednesday 30, March

(Sunday April 24th - Continued)

Coming back Callisaurus was plentiful to a point $\frac{1}{2}$ way bet Narrows and Yagui Well.

On the return trip the following snakes were checked.

- 1 Small Calif King D.O.R. Santa Yacobi.
- 1 Large Banded Racer D.O.R. on grade between Ballena and Ramona.
- 1 Large Banded Racer (about 4 miles east of Ramona)
- 1 Large Calif King (of Ramona)

The Calif King had swallowed the racer and then had been run over. About 3 ~~scale~~ inches of the tail was protruding.

- 1 Large Banded Racer 2 mi ^{east} ~~west~~ of Ramona D.O.R.
- 1 Large Calif King caught crossing the road at Ramona.
- 1 Small Gopher D.O.R. Ramona
- 1 Small Pacific Rattle D.O.R. Fortes.

On the whole a successful lizard trip but not snakes. Reason: not enough time spent west of the mountains hunting snakes, and too hot east.

1 Callisaurus with red mites.

March Thursday 31, 1927

(Sunday April 24th Continued ②)
 Altogether from Yagou Well out and back
 we got:

29 Callisaurus

1 Leopard.

5 Utas.

5 Whiptails

5 Diposaurus.

In addition got a number of specimens of
 each which were in such poor shape that
 they were not saved. Lost tails and shot up.

On the way home stopped in the Antenas
 well up toward the top and hunted an hour or so.
 Got 2 Collared lizards,

3 Utas

2 Orcuttis.

Also saw Uta Mexicana and Chuckawallas but
 got none.

Got an alligator D.O.R. at Julian which saved.

Stopped for a short time on the grade between
 Ramona and Julian and Ballena and got an
 Orcuttis and a S.O.B. Saw Utas. Rocks here
 are of poor quality.

(Turn to March 30).

1927

Friday 1,

April

(Sunday April 24 Continued)

did not range so far. Found *Callesaurus* to be most plentiful. Nearly always perched on the small rocks on the side of the road where Uta had been earlier in the morning and further back. Quite easy to get a good series of *Callesaurus*. Also an occasional *Dipsosaurus* was perched in this way. *Callesaurus* often standing high up to avoid heat.

In general it may be said that Utas are seen on the road particularly from the foot of the Sentencia to the Narrows; few beyond.

Leopards seem to be rare. Got my 1 this near the Narrows.

Whiptails are quite common 2 or 3 miles east of the Narrows. Seem to like the semi-rocky areas.

✓ *Callesaurus* most common of all.

Dipsosaurus in the shade of the bushes around Boreya hotel. Got 5 here.

The Boreya hotel keeper says "Diamond Backs", *Schwinders* and *Gophers* are plentiful around the hotel. But are found only in the evening and at night. No frogs.

(Continued on Mar 31)

April Saturday 2, 1927

Went to matinee.

1927 Sunday 3, April

Went on a botanizing trip.

Start at 8 A.M. - Return at 7³⁰ P.M.

With Abbott, Fleming, Gordon, Kraebel,
McEwen, C.F. Brooks, Dr & Mrs Clemens.

Went to El Cajon, Hellsdale, Monte
Vista Ranch, Jamul, Hyona Valley,
Barrett, Cottonwood, half way up
Potrero grade, thence home via Jamul
and highway.
Miles.

Saw only one dead snake this
being a small gopher in the Park on
Pershing Drive. Saw no live snakes.

Got a chance to hunt in the rocks
only at one place; this being at Jamul.
Here got 3 l. h. Had been burned over
last year but one as was found in rocks
that had been burned. Saw several others.

A few other lizards were out but
not many.

✓ Got stick in the mud in Hyona
valley; also caught in soft new wood
on Barrett - Cottonwood road. Hard
work to get out.

Day was warm but part cloudy.
Rain during the week.

April

Monday 4,

1927

1927

Tuesday 5,

April

April Wednesday 6, 1927

Went to La Mesa to talk on
Snakes to Rotary Club. A fine
Clear day. 24 miles. Start at 11³⁰
Return at 2³⁰

1 Dead garter outside East San Diego

1 Dead striped racer on highway
opposite Chollas Mts Wireless.

Also at this point got a fine large
striped racer. Was crawling along
the curb and did not go over
until I came up to him. Bit furiously.
Gave the usual rapid whirl when
taken up.

1927 Thursday 7, April

Friday 8th - Continued.

Next hunted in the rocks east of the road on the Mussey grade a little north of Shady Dell. Spent about half an hour here. Got several X.h. bringing the total for the day to 10. Also got a medium skink under a rock with a bright pink ~~tail~~, tail.

Then under a good sized rock Weiss found a large Trimorphodon the largest I have had yet. As usual was under a heavy rock, not a flake. Got him almost uninjured except for a couple of minor scratches. The time was about 5 P.M. Rather dark. Buzzed his tail when caught.

April

Friday 8,

1927

Went to Gas Co Camp in Goose Valley to see progress of work on the Sutherland dam line. With Weiss. Start at 10 AM Return at 6³⁰. Miles 94. A part cloudy day. Some clear spells. Too cool for a good snake day. Practically no lizards seen about.

Dead snakes 1 Pacific medium on the highway about a mile above Foster's.

1 Boyle's King large on the University extension opposite the Wireless station.

First stopped for lunch at the Camp in Goose Valley, thence to Sutherland dam site. Here hunted in the rocks for a few moments only. Got a *Uta stansburiana* alive. On the way back stopped on the grade a mile or so toward Ramona from the concrete bridge. At this point got 3 x.h.

Next stopped at the highest point on the grade and went up to the peak to the west; the large boulders looked good but proved to have few lizards. Hunted here strenuously for nearly two hours. Got a few x.h., 2 *Oreocetes* and a medium box. The latter was extended full length but was not moving when first seen over - back

1927 Saturday 9, April

Went out alone. A cold windy part cloudy day. Not favorable. Miles 48. First stop $\frac{1}{3}$ up Mt. Helix. Here hunted in rocks of fair quality. Got 3 X.h. lost several others. One or two other lizards seen but could not be identified. Next stop small pond at Grossmont store. Found nothing. Then went to rocky hill near old Gordon place Bostonia. Saw a lta and a couple of Skellys. There are a few good faked rocks here but X.h. was negative. Got nothing.

Returned via Lakewood, Lakeside and Jantee. Started at 1:30. Returned at 5:30.

1 Juvenile Gopher dead in the road at Lakewood.

1 Juvenile gopher dead in the road at El Cajon.

April Sunday 10, 1927

A cold rainy day. Did not go out. Busy preparing a snake talk which was delivered at the Natural History Society in the afternoon.

Gardner showed me a young *C. c. mormon* taken in Mission Valley. Showed the body blotches very distinctly.

From the Zoo got an unusually large *T. o. hammondi*. Caught 4-10-27 at Chula Vista by Verne Mirrifielt. Measured $37\frac{1}{8}$ " long. Contained a large toad which measured 8" long. Snake was a female and contained many eggs.

1927

Monday 11,

April

April Tuesday 12, 1927

Went to La Jolla on business
in afternoon. 28 miles. Saw
nothing. A cold clear day. Much
snow in the mountains

1927 Wednesday 13, April

April Thursday 14, 1927

1927

Friday 15,

April

April Saturday 16, 1927

A cold windy cloudy day with patches of sunshine. Rain in the back country yesterday.

Went to Earl School with HK. Start at 1⁴⁵ Return at 5³⁰. 69 miles.

Only one snake seen alive or dead this being a dead garter on the highway at Pepper Drive. Large.

First hunted in the rocks east of the road near Shady Dell. Got 3 X. h., 1 Uta, 1 Kelly. All were in cracks in rocks; none running about. Saw an Orcuttia and several other X. h. Got 2 Hyla arenicolor in cracks in the rocks. Found a small Xantusia that had choked to death on a grub which was stuck in his throat.

Hunted for a short time in the rocks beyond Earl School. Got nothing. These rocks look good from the road but are of poor quality without flakes.

A poor day. Too cold and damp for snakes.

1927

Sunday 17,

April

Went to Coyote Wells with family and Dr. C. F. Brooks. Start at 9¹⁵; return at 7¹⁵ P.M. 197 miles. Clear in town; cloudy in the mountains (and cold and windy) Part cloudy and comfortable on the desert. Went out by the highway; returned by Campo.

While this was a fairly good day it was rather too cold in the mountains for snakes and too soon after cold and rainy weather. It had evidently rained hard at a number of points last night.

Only one snake was seen; a ^{dead} ~~live~~ gopher half grown at Dulzura.

First stop at top of new Vegas grade. Some fairly good flakes here. Got 2 X h. and one young s. scutell. Next stop was at crest beyond La Posta. Got one Uta here under a rock. Cold and partly dormant.

Stopped for lunch at foot of mt. Spring grade on the edge of the rocky hills. Some fairly good flakes here. Got 2 *Phyllodactylus tuberculatus* under level flakes also lost one. They are probably quite common here. Also saw several Uta

April Monday 18, 1927

Sunday April 17 Cont

mearnsii and one Uta stansburiana. Did not see any X-h. Hunted here about an hour. Left my best pistol on spare tires and so lost it. Got a bat.

Went on to Coyote walls. Did not see any lizards of any kind running in the desert although it was about 74°F . Stopped once at one point to pick occatilla and saw nothing here.

The geckos squeak. They are both infected with the vermilion mites. Examined under the microscope they are 8 legged rather hairy. They had a piece of skin in their jaws when removed.

Monday April 18

found a yearling gopher dead on Maple Street.

A very cold day.

1927

Tuesday 19, April

Went to a Rotary meeting in El
Cajon to make up attendance. Talked on
Snakes.

Went out with Bruce Starke Started
at 11 Returned at 2³⁰. Cold and cloudy
in town; clear in El Cajon.

Rode as far as Popper Drive. 3 1/2 miles

One yearling gopher dead in the road
at Encanto.

Recd two Skinks from
Leslie Kearney
Santee.

Caught April 17th

April Wednesday 20, 1927

Went to Sutherland Dam and San Pasqual to see lines under construction. With Ayres, Peckham, Lawrie. Start at 8⁴⁵ AM; returned at 6 P.M. 111 miles. Went via Highway and Ramona; returned via San Pasqual and Escondido.

This was the first real snake day of the year. Clear and warm; little wind.

Kelly gave us a large gopher which he had picked up at Earl School. Later this died.

Stopped at Ramona for a few moments; then went to the dam. Stopped here a short time. Saw one Uta.

Came back to rocks about one mile north of the upper end of Goose Valley. Hunted here 3/4 hour. Got four X.h. and one *Hyla arenicolor*. Saw skellys, utas and a cutties. Lost my pistol but luckily Lawrie found it. The rocks were not of extra good quality.

There were many lizards on the road between Sutherland and the camp. First time this year I have seen many. Lost a horned toad at Ramona.

Went down the Clevinger grade and hunted for about an hour and a half in rocks and cacties on the north side of the road about a mile east of the battle field. Got a *Trimerophis*,

1927 Thursday 21, April

a boa and a small worm snake. also a Colonyx and a Xantusia. Saw Uta, Orotia and Skellys. The rocks here are not of good quality. Few flakes.

The Trimorphodon was under a large cap rock level and closely fitting. The boa was in a crack in the rocks and was fished out with difficulty. The Colonyx was under a cap rock. The worm snake was under a thick flake touching the ground. A second larger worm snake was found under a larger rock about 10 feet away but was lost.

On the way into Escudido got a yearling gopher crossing the road; the only snake seen on the road this day.

Got a large Calif. King and a small red rattler from Kemp the truck driver. Both from San Pasqual.

April

Friday 22,

1927

Saturday April 23^d Continued

While we were up in the rocks a large red rattlesnake was run over in the road.

Reached camp at 5³⁰.

Total 2 live snakes, 3 dead snakes,
3 lizards.

1927 Saturday 23, April

Went to Ramona Camp with Stearns, Fowler, Holloway, Savage, Peckham, Weiss, Ayres, Foster and 3 kids. Started at 1³⁰.
Went out by way of Helix and Grossmont.
A clear hot day; 4th of a series.

Quite hot in the back country. Miles 46.
Got a juvenile gopher crossing the road just above Helix store. Found a dead garter on the road one mile south of Foster's.

First stop between the school near Gregg's place and the foot of Mussey. Went up in the rocks north of the road and hunted here nearly an hour. Saw several X.h. and 1 Uta. Got 1 X.h. and a fine Coleonyx under a rock cap.

One dead Racer on the road just n.e. of this point. Call it Mussey's.

Next stop on Mussey's just opposite the big rock. Did not hunt here as Fowler and Ayres had been over and reported nothing.

Next stop at the rocks on the east side of the road about a mile above Shady Dell. Just across the creek got a medium Pacific. Was stretched out in the oak leaves.

Then worked hard in the rocks for an hour and a half but got nothing except 1 Uta (not saved). The rocks were of poor consistency; too hard.

April

Sunday 24,

1927

Got up this A.M. at 4⁴⁵ and started with same party at 5⁴⁵ for Borega Valley. Reached Borega at noon. Returned to San Diego (via Helix) at 7¹⁵ P.M. Another hot day; 102 in the shade at Borega. Miles today 162. Found the roads better than previous trip except Banner and Sentenac grades which have been washed.

In the morning up to the time we reached the narrows few lizards were seen. There were a few Uta perched on the side rocks of which we got 3 between Yagui Well and the Narrows. Stopped at the Narrows for the first hunt but found lizards scarce & washed away by flood? Got one leopard lizard and a Callisaurus.

Dead snakes in the way out were as follows:

1 spotted night 1/2 way bet Ramona and Ballena
(on the up grade)

1 Spotted night near Wynola
(about 2 mi west).

1 Juvenile gopher at Wynola

1 Juvenile gopher at Pine Hills Junction.

On the long straight run from the Narrows to Borega Hotel we stopped occasionally to hunt or to shoot individual lizards. On the return trip we stopped for more individuals but
(Continued under Friday April 1)

1927

Monday 25,

April

Took rattlesnake venom today.
 Reds give most, then mitchellii, then
 Pacifics.

11 large reds, 7 medium, 1 small
 2 of the above have both first infralabials
undivided. Vials 1 + 3

4 large and 4 medium Pacifics Vial 2

2 large Mitchellis Vial 4

1 large Cerastes. Vial 5.

Total 30.

The small *Iryzoria elegans* in captivity
 which had swallowed a *Uta* throat
 up today.

April

Tuesday 26,

1927

Recd today for the Natural History Society

1 Ring neck Sumner La Jolla

1 Small Pacific Rattles Vern Merrifield

2019 Moore S.D.

Taken 4-24-27 on beach almost at waters edge, La Jolla

1 Small Boyles King J.A. Myers

621 21st St. Upland, B. Lake Park

1 Annelis (worm?) N.W. Cor 6th & Redwood

Ford. Diethold 4-20 India

4 Small Pickled Batrachoseps

La Mesa Nov 15.

B. Grossman.

1 Toad Laguna Hansen

Frank Stephens

1927 Wednesday 27, April

Today was cool in town and comfortably warm in the back country not so hot as last week end.

Took the max at noon and went out the highway as far as Harrison Cañon; down the Cañon and home by way of Rehosa and Tamaacha.

Saw a large gopher crossing the road at the entrance to the Cañon Road. Lost him in the grass.

One dead *Rhinoscheilus* on the road near the cemetery.

Total miles 56.

Gota small horned toad at Tamaacha.

Plevin and Toze arrived tonight.

April Thursday 28, 1927

Today received a large Boyle's King
caught at Goose Valley which
vomitted 4 (possibly 5) crushed
quail eggs.

1927

Friday 29,

April

(Sunday May 30 Cont)

and got only 1 Uta and 1 Callisaurus
but Boreys and the harrows.

Following dead snakes noted

1 4' sub large top Pentecost Cañon grade

1 Pituophis small 1/2 way up Banner grade.

1 Hetch nose large 1/2 way up Messery grade

1 Boyles King large - aantee.

Arrived home 6¹⁵ miles today 141.

April Saturday 30, 1927

Started for Borega at 10³⁰ with Slewin, Toze, H.K., Weiss, Chuck, Talbott, Bill. Clear but cooler than last week.

Hunched at Goose Valley Camp. Stopped for a few minutes in rocks near camp. Got a Uta and a Shelly. Next stop foot of Montezuma. Got 4 Utas.

Stopped one or two places between Narrows and Borega. Got 2 or 3 Utas and a *Phrynosoma platyrhina*. Had orange lice. Examined same. Seemed to have six legs. Also before this trip was one found them in *Callesaurus*, *Dipsosaurus*, *Crotaphytus*.

Arrive at hotel at 5³⁰. Was cooler bet Narrows and Hotel than last week. Not a single *Callesaurus* was seen; Because cooler in afternoon?

After supper walked around setting traps. Got 3 *Saraca occipitalis*. Drove to County line. Got nothing. While down there hotel man got a sidewinder.

Hunted again for *Saracas* but got none. Slewin saw a *Coleonyx*. Turned in at 11 P.M.

Miles 102 + 5 = 107

1927

Sunday 1,

May

Today begins hot but by afternoon became somewhat hazy and a little cooler.

Went out at 5³⁰ AM to rocky hills to the south west. Looked good but got nothing. Saw several whiptails on return.

With all members of the party drove about 5 miles toward the narrows. Stopped a number of places and hunted. Got many lizards, Uta, whips, Cals, lizards, 1 Crota. Piece of snake skin.

The Callisaurus are by far the most numerous. Seem to like best the areas where small round boulders are scattered. Run with tails over backs and stop suddenly which tends to conceal them. Next Uta then whips. Whips seem to like rocky ground. Crotophytes rarest. Got no more horned toad.

There are certainly plenty of lizards in this area.

Returned to hotel for lunch, then started for town at 1⁴⁵.

Did not stop after going in (Continued Friday, April 29)

May

Monday 2,

1927

Took Rattlesnake Venom Today

4 Reds

4 Pacifics

1 Tiger.

Also measured a large Patchnose

30 $\frac{7}{8}$ " to ATotal 38 $\frac{1}{2}$ "

Arizona elegans

35 $\frac{9}{16}$ " to ATotal 37 $\frac{3}{4}$ "

1927

Tuesday 3,

May

Went to El Cuyin Rotary club
this noon 3 1/2 miles. Nothing seen.
harrow road and eucalyptus drive.

Recd today from O R Hawton 1620 Union
an unusually large salamander.
B. a. l. Total length 5" body 1 3/4".
Caught in garden.

Recd a garter from Kelly. Caught
at Ramona Camp.

May Wednesday 4, 1927

Talked to Stephens today about La Puerta.

Saw a Spotted Night He had taken at Box Cañon Feb 21 /27

Also a small *Sonora occipitalis* taken at La Puerta sometime in January. Will enter these two.

He had red racers from La Puerta last year. Also saw a number of *Urotales* taken at La Puerta including several *Sceloporus magister*, *Xantusia vigilis* and *Orotaphytus wigg.*

1927

Thursday 5,

May

Went to Los Angeles with
Gy. Start at 11 AM. 63 miles in the
County. A rather cold windy day.

1 Faded Snake large at La Costa DOR
(The road here is on the cliff immediately
above the surf).

1 long nose DOR Stewart

1 Gopher DOR. Capistrano.

Gave talk at L.A. Public Library
before Herpetological Society. Saw
a young Mitchellii caught at
Fullbrook last Saturday April 30th
Miss Attsett gave me a
young sidewinder

May

Friday 6,

1927

Returned from Los Angeles.
starting at 2 P.M. A cold cloudy
day with a shower or two.

1 small Gopher DOR at Las Flores

Recd a Spotted Night from
Pan Clemente.

1927

Saturday 7,

May

Started for Borega at 1³⁰. A cold wet windy day with rain squalls. Had sent a car ahead to Julian. Road between Ramona and Ballena was wet and slippery. Began to rain steadily at Witch Creek. Several parties turning back at Julian reported Banner Grade impassible so we came back (via batemew). Home at 6³⁰. Much rain all the way home.

Picked up 3 little toads 1 mi. south of Fortes.

Dead snakes noted as follows:

- | | |
|----------------------|------------------------------------|
| 1 Large Banded Racer | 7 mi. E. S.D. |
| 1 Large hog nose | 8 $\frac{1}{2}$ mi. Chollas Hts. |
| 1 Small Gopher | 9 mi. Chollas Hts. |
| 1 Large Banded Racer | 55.4 mi. Wynola. |
| 1 Large Mitchellii | Top Mussey grade
(near bridge.) |

120 miles.

May

Sunday 8,

1927

The morning was cold and windy so did not go out; spent the morning cleaning up specimens.

In the afternoon it was cool and part cloudy. Went out with Philip to Tamacha, Dehesa, Harlson Cañon returning by the Highway. Start at 3 P.M. return at 6¹⁵. 59 miles.

No snakes seen alive or dead.

Hunted for a half hour in the rocks between Tamacha and Dehesa (near Dehesa). got 4. x. h. lost several more. No other reptiles seen. Too cool and wet. Had evidently rained considerable the night before.

1927

Monday 9,

May

Took Venom from 6 second hand large
C. exsul and 6 ditto C. regalis.

Got very little. Shipped 29 snakes to
Forché.

Got a live *Thamnophis sirtalis*
infernalis today from San Pasqual.

May

Tuesday 10,

1927

Went to El Cajon to attend the Rotary meeting. Started at 11³⁰; returned at 2⁰⁰ P.M. A fine clear day. 32 miles. Went out lower road; returned via upper.

One medium gopher D.O.R. on highway opposite Chollas Hts Radio Sta.

Recd today one unmiella from the Hypais school teacher.

1927 Wednesday 11, May

Went to Pine Valley with GJ to rent a cottage. Start at 1 P.M.; returned at 5 P.M. A fine warm day and the road should have been full of snakes but wasn't.

Went by new Viejas grade and returned by old (rather rough).

Only a couple of lizards seen and following snakes.

1 Patch nose D.O.R 1 mi W of Willows

1 small Banded Racer do

1 small gopher 1 mi westy La Brea
on new road.

There was a fine fresh track in Guatay Valley but could not find anything.

May Thursday 12, 1927

Saw today a spotted Cal. King.
in Gardner's Collection. Collected May 9
Balboa Park.

1927

Friday 13,

May

An exceedingly hot day. 88 in San Diego and everything else in proportion. About 113 in Borega.

Report on what Slevin got at Borega and vicinity May 2 to May 13 incl.

6 *Sonora occipitalis* (in addition to 3 previously recorded) 2 at County line May 3, 4 at Borega May 5, 6, 10, 11. 3 *Siderowidens* (in addition to 1 previously reported) 1 run over, 1 slightly damaged, 1 OK. 1 *C. eximius* in Penterae Cañon (about May 5) 1/2 way bet Bridge and old Cabin at foot of grade. 1 *T. o. hammondi* dead at same place. Got a *dryocampe* at Bridge.

Slevin's collection of lizards

Borega narrows Yagui Penterae.

<i>Callisaurus</i>	✓	✓	✓	
<i>Dipsosaurus</i>	✓	✓		
<i>Uta stansburiana</i>	✓	✓	✓	✓
<i>Uta</i>	✓			
<i>Coleonyx</i>	✓			
<i>Oremla</i>	✓			
<i>Phrynos. m. celli</i>	✓			
" <i>Platyphrys</i>	✓	✓		
<i>Crotaphytus wislizeni</i>	✓	✓		
do <i>Byleri</i>				✓
<i>Uta</i>			✓	✓
<i>Sceloporus</i>				
<i>Sceloporus</i>				✓
<i>Saurornis</i>				✓
<i>Phrynosoma</i>				✓

May

Saturday 14,

1927

A warm muggy day. Not so hot as the previous day in San Diego but very hot in the back country. Too hot for good snake weather anywhere.

Went to Borega to meet Plevin and Tose. Took Philip. Started at 1 P.M.; reached Borega at 6 P.M. 46 miles.

No live snakes seen. Dead snakes as follows.

1 Long nose at 9.2 Chollas Mts.

1 Medium gopher Top Mussey 32. mi.

Rezards were not plentiful along the way. Went down the long run bet Barrows and Borega bet 5 & 6 P.M. Utas were plentiful in the usual rocks. A few Collyrs were seen but not as many as before.

After dark went out and looked for Sonoras. Got only 1 large light colored Colonyx. Road down "Sidewinder Alley" about 4 miles. Saw nothing.

A poor day - too hot.

1927

Sunday 15,

May

A somewhat cooler day than yesterday. Started at 7 A.M. for La Puente where we arrived at 10³⁰. Left Slavin's equipment and went on down to Vallecito. Returned to La Puente at 1 P.M. Left at 1⁵⁰ and arrived in San Diego at 5⁴⁵. Miles 136

Only one snake seen in the entire trip. 1 long nose D.O.R. at Gregg's Bridge - San Vicente. Too hot today for snakes.

In the Borja Valley saw plenty of Utae, and Calles. Also a couple of Whiptails. There got a large *Dipsosaurus*. We got one horned toad (*Platyrrhinus*). 1/2 way bet Yaqui Well and foot of Sentinelae got a large *S. magister*. Fine specimens. Take refuge in trees.

Between La Puente and Vallecito got a couple of Collared lizards. Saw Calles in La Puente Valley & Vallecito Valley.

Saw mountain quail with young in Sentinelae. and at Vallecito.

At Vallecito got plenty *Hyla regilla* and *B.b. halophilus*. Also saw polywogs.

Got a *Crotaphytus* in Sentinelae Cañon. Stephens gave Slavin a large Chuck taken the day before in Box Cañon.

May

Monday 16,

1927

Shipped snakes to Brown, Phila;
East, Washington and Reggs.

Took Venom as follows.

Red Rattles No 4

14 large (6 old) · 7 med (6 old) 1 small (old).

Pacific No 5

1 large, 6 med, 1 small.

Mitchellii No 6

2 (old) large, 3 med.

Craetes

1 large old, 1 small. new.

1927

Tuesday 17,

May

May Wednesday 18, 1927

1927

Thursday 19,

May

Friday 20,

1927

Shipped 3 lots of snakes today.
Took venom from 2 snakes.

Slevens's Report on his La Puente Collection

- | | | |
|------------------|--------|-----------------------|
| 2 Sidewinders | May 17 | Darker than Desert. |
| 1 Mitchellii | May 19 | |
| 1 Red Racer | May 16 | |
| 1 Phyllorhynchus | May 17 | |
| 1 Sonora Occip. | May 17 | hot this |
| 1 Arizona | May 18 | |
| 1 Rhinocentrus | May 19 | Practically no
Red |

All at night except Mitchellii and Red Race.

all at La Puente (Inland Valley) except Rhinoceros which was at Vallejo.

hazards noted at La Puerta.

Crem. tigris, *Crem. stynegei*, *magister*,
biservatus, *bayleyi*, *Wizl.*, *graciosa*,
v. stanburiana, *saurocolus*, *callesaurus*.

1927 Saturday 21, May

Went to La Puerta to get Plevin. Started at 10¹⁰. A cold day cloudy in town; cold and windy in the back country altho clear. At Tulain it was too cold for comfort. Cool and windy in La Puerta. Plevin reported it too cold for best results during his stay.

Went out with L.B. Jones. Itinerary Lakeside, Ramona, Tulain, La Puerta back through Tulain thence Santa Ysabel, Warner's Dam, Rencin, Pala, Bonse's Camp. Total miles 174. Camp at 6³⁰.

Did no hunting on this trip except in the evening when we spend a short time in the San Luis Rey river bed and got a Hyla and a Toad. Heard a peculiar thrilling call which Plevin thought might be a Bufo punctatus.

Got a medium burned toad at Ramona.

Dead snakes this trip. Not a live snake seen.

1 large Gopher n. end Lakeside bridge 24 mi.

1 med Gopher at Bullena 44 mi.

1 med Cal. King at Bullena 46 mi.

1 small Gopher at Tulain 54 mi.

1 Patch nose at old Camp & 4 mi W. of Horseshoe Bend
(Plevin saved specimen). large

1 large Patch nose Cal. King at Bonseall.

May

Sunday 22,

1927

A fine clear day temperature just right, little wind. But proved to be a poor snake day nevertheless.

Went over the following route starting from Ronsse's Camp at 7³⁰. Rainbow, Pala (via dirt short cut) Rincon, Valley Center grade, Silvano, Wohlford Lake, Escudido, San Pasqual, Cross River, Down South bank to Limit, thence back to Escudido, Ronsse's Camp, Escudido and home. 157.5 miles. Reached home at 5³⁰.

Snake list.

1 Pacific Garter d.o.r. at Bonsall.

1 large Gopher Caught at Rainbow

1 large Cal King D.O.R. San Pasqual Battleground (Kevin saved).

1 Large striped Racer shot San Pasqual Battleground

1 large Gopher D.O.R. 1 mi south of Bonsall ^{bridge}

1 large Red Racer D.O.R. Miramonte Gas Station

First stop to hunt was in the rocks west of Rainbow. The rocks are large but of poor quality with few flakes. Not a good locality. Here got the large gopher. Also saw a whiplash and occulta. No x's. Left here about 10³⁰

Stopped a short time in the Pala road

1927

Monday 23,

May

Sunday 5^{2nd} Continued.

but got nothing. Rocks of poor quality as usual. Stopped at Delivans saw X. h. but got nothing. Lost a horned toad a little further on.

Next lunched at the San Pasqual battle-field and then hunted in the rocks and cactus above the field. Got 1 X. h. saw verticaria, orcutti.

Caught a glimpse of the racer in brush and burned cactus. Looked for him and as usual saw him watching us a few feet away with his ~~his~~ head raised 6 in. out of the brush. Had to shoot him.

May

Tuesday 24,

1927

Started today for Flagstaff, Arizona at 7¹⁵ AM. Was fairly cool at starting but quite warm at Esccondido and beyond. Toads were noted at Old Town Bridge. Quite a few lizards were seen.

The following dead snakes inside San Diego County. (mileage inside Tz).

- 1 Salvadora large 10 mi Rosedale
- 1 Rhinoceros large 41 mi Poway
- 1 Pituophis med 22 mi do
- 1 do small 46 mi Bernardo
- 1 Red Racer large 36 mi Esccondido
- 1 salvadora large 50 mi Bonsall.
- 1 Boa small 52 mi do.
- 1 do do 67 mi Red Mt.

8 all above D.O.R.

1 large gopher D.O.R. Cajon Pass.

Very hot in Riverside. Cooler in Cajon Pass. Reached Mojave River Bridge at 1¹⁰ (above Victorville) Held here until 2³⁰ Hunted for a while. Got bats and collies. Saw several collies. Saw 1 snake probably Salvadora 70 mi W. of Needles. Couldn't stop. Hot at Needles. Few lizards seen. This section of Mojave Desert more sprinkled with bats. than Colo. Desert. Arrived at 8³⁰; 38 1/2 mi.

1927 Wednesday 25, May

Drove today from Needles, Cal to Flagstaff, Ariz. Started at 8¹⁰ AM. Arrived at 6²⁰ (MT. time). Hot at Needles.

1 *Salvadora* D.O.R. at 14 mi. (in Arizona).

Lizards are extremely plentiful on the rocks along the roadside. Saw whiptails, utas, callys, both *Crotaphytus*, *Dipsosaurus*. Could get any number here. Then a little later approaching Oatman saw many large chucks. Could get any number with a shot gun.

Collected 1 chuck, 2 deys, 1 whiptail. in this stretch. Did not see anything again like this in Arizona.

2 Gophers D.O.R. 9 mi E. of Kingman

1 gopher D.O.R. at Truxton Cañon Indian School.

No lizards were seen in the Plateau district maybe because afternoon.

Miles today 243.

May Thursday 26, 1927

Meeting at Flagstaff in the morning.
In the afternoon drove up San
Francisco Peak until stuck in the
snow. Saw no reptiles.

1927

Friday 27,

May

meeting at Flagstaff in the morning.
In the afternoon with yg, Masson
and Tayler drove out to cave dwellings
and east toward Williams Window.
Saw insects.

May Saturday 28, 1927

Drove to Grand Cañon today in the morning via the Main St. road. Cool and windy.

1 Yellow Pacific at 65 mi from Flagstaff. D.O.R.

In the afternoon drove out the Hermit Rim Road with gg. The Kee.

1927

Sunday 29,

May

In the morning drove out the
Hermit Run Drive. Saw a couple of lttas.
In the afternoon drove to Grand View
and Desert View. Saw several skellys.

May

Monday 30,

1927

Started for Phoenix from El Tovar
at 8³⁰ A.M. Arrived at 4⁴⁵ miles 263
mild and comfortable on the Plateau.
Hot at Phoenix.

1 hr Pacific 22 mi N. of Williams

1 utrox D.O.R. at Wickenburg

Very few lizards were seen probably
not over 1/2 doz although many
localities looked good, particularly
above Wickenburg

Called on Chas. H. Evans and saw his
collections. Gila monsters good.
Many drops not so good.

1927 Tuesday 31, May

Started for San Diego from Phoenix at 6 AM (Mt. time) Arrived at 6¹⁵ (Pacific).
Total miles 398. Miles for entire trip 1544
Miles in San Diego County 87.

Very hot all the way from Gila Bend to Mt. Spring. Did not see many lizards in Arizona. Not many rocky areas.

Saw a good many in California particularly callops and dips.

- | | | | |
|--------------|-------|---------------------------|--------------|
| 1 Arizona | large | 11 mi west of Colo. River | |
| County line | at | 11.5 | |
| 1 Pituophis | at | 35. (La Posta) | small. alive |
| 1 Pituophis | at | 36 do | do D.O.R. |
| 1 do | at | 54 (Guatay) | large D.O.R. |
| 1 Salpadora | at | 65 (Willows) | large D.O.R. |
| 1 Cal. King | at | 69 (Alpine) | small D.O.R. |
| 1 Pituophis | at | 74 (Flynn Spr) | large D.O.R. |
| 1 Phrynosoma | at | 91 (Cholla Hts) | large do |
| 1 do | at | 91 do | small do |
| 1 Worm snake | at | 91 do | large do. |

June Wednesday 1, 1927

Checked snakes in the Zoo at noon.
 Elwin reported the following:

- 1 *Eysae* May 23 d 3 mi. w. of Bonsall.
- 1 *lateralis* May 26 Bonsall.
- 1 *Boylei* May 25 Bonsall.
- 2 *hecontei* May 25 do
- 1 do do 5 mi w. of Bonsall.
- 1 *Hammondi* do Bonsall in River
- 1 *Eysae* May 27 Bonsall.
- 1 *Boylei* May 27 do.
- 1 *Boylei* May 28 do.
- 1 *Hammondi* May 29 do
- 2 *Hammondi* May 30 do

Also the following. V.O.K.

- 2 *Pacific garter* { 1 Bonsall May 24
- { 1 San Luis Rey do.
- 1 *Gopher* San Luis Rey May 24

Lizards.

Oreocetes
Basiliscus
Uta stansburiana
Vulpes
Spizella
Phainopepla

Bufo cognatus californicus
Xenopus hammondi
Hyla regilla

All from vicinity of
 Camp.

1927

Thursday 2,

June

Took venom from 16 snakes today.

June

Friday 3,

1927

1927

Saturday 4, June

Went out in the afternoon with Philip, Slevin and Tose. A fine clear cool day. 96 miles. Start at 1 P.M. Back at 6³⁰. Itinerary Spring Valley, Tamacha, Hillsdale, Bortonia, Forty Alpine grade, Dehesa grade, Glen Lonely, Tapatul, Descanso, Flynn Springs, La Mesa, Encanto.

First stopped at Tunnel Hill where Tose looked for bats in the tunnel he hunted in the rocks to the west of the road. Nothing here. Then hunted at the top of Glen Lonely grade. Got 1 X.h.; lost several.

A good many lizards and horned toads were seen along the road.

Snakes.

- | | |
|----------------------------------|--------------|
| 1 Gopher large Hillsdale | Caught alive |
| 1 Gopher large Hillsdale | DOR. |
| 1 Striped Racer Medicine Tapatul | DOR. |
| 1 Long nose large Alpine | DOR |
| 1 Boa small Flynn Springs | Caught alive |

First stopped at Dulzura and hunted from about 9³⁰ to 11³⁰. Got only 5 x.h., 1 Uta. Saw a number of Orcuttia but got no snakes not withstanding hard work. One x.h. badly infested with red mites. Going up the Potrero grade got a leopard lizard! near the Kate Junction. Hunted south of Buckmans. Here saw a whiptail. Hunted for a while at Shady Dell but got nothing. Saw 1 X.h. Had luncheon at Foster's.

Snakes 1 Calif King Snake Tamacha Bridge To R.

1 Red Race, Large Cottonwood DOR.

1. Yopha large DOR Potrero

1 Gaster med DOR bagena Turst.

W. in yellow ^{base} hot Cuyawaca was crossing
road. hot in

1 Giant large Cuyawaca Caught alive

1 Gates large Cuyamaca DOR. still squirming

1 Western Yellowbelly Wynola DOR ^{and} Specimen

1 Gopher small Ballena. Caught alive.

1 gate 3 mi E. of Ramona Va. D.O.R.

1927

Monday 6,

June

Took Venom from 15 snakes today and sent 9 to Amaral.

Rec'd 2 gophers and a patch-nose from Brown and a Boyle's King from Chester Lamb. Former probably taken at Onyx mine latter at Rosario.

also first *U. lugubris* from San Diego County.

1 *Rhinocheilus Cholla* atts. large.

This snake was crossing the highway as we came up. Was making poor progress & smoothness of surface. Was in middle of highway. We stopped to pick it up, but before we could reach it at least 4 cars had run over it so it could not be used as a specimen. Was good illustration of how snakes get run over.

June

Tuesday 7,

1927

Went to Escudido with
Wiers to Rotary Meeting.
Started at 11 A.M. Returned at
3 P.M. A clear cool day. Returned
by way of Murphy Cañon.

- 1 Rhinoceros med. D.O.R. Top of
Old Town grade (sawd).
- 1 Gopher small, D.O.R. same location
- 1 Rhinoceros large D.O.R. Rosedale

1927

Wednesday 8,

June

June

Thursday 9,

1927

1927

Friday 10,

June

Went to Los Angeles and back alone in the max. Started at 5⁴⁵, returned at 9⁰⁵. Went via Rose Cañon and Long Beach. Returned via Long Beach.

Called on Tex. Schulbach and saw his collection.

It was a cloudy cool day and no live snakes were seen. Much heavy mist and showers of rain. Very wet in Rose Cañon in the morning.

On the return trip it was dark at Oceanside and would have practically impossible to have seen a dead snake w/ headlights of on-coming cars. So count only $58 + 16 = 74$ miles in the County.

Dead snakes.

- | | | |
|-------------|-------|-----------------------------|
| 1 Gopher | large | Rose Cañon |
| 1 Arizona | " | La Costa |
| 1 Gopher | " | 6 Mi S. of Co. Line. |
| 1 Alligator | | 5 mi S. of Co. Line |
| 1 Red Racer | " | Opposite Balboa, Orange Co. |

June Saturday 11, 1927

A cool cloudy day with some breeze. Went out to Lower Otay dam with Philip - out by way of Bonita, returned by Telegraph Cañon. 47 miles. Started at 5:10 returned at 5:30.

Did no hunting.

Dead snakes.

1 Gopher barge Cool atoo grove

1 Gopher barge Chula Vista. (Some one had badly injured this snake with a rock and it had to be put out of its misery.)

1 Garter barge Chula Vista.

Miss Kerwin told me of 4 snakes shot in dead to the zoo for identification

1 long nose Rana Portal

1 Pacific barge " "

1927 Sunday 12, June

Quite a heavy to rain last night and this morning. Had expected to have a picnic lunch in the back country but gave it up.

at 8³⁰ went to San Diego River bridge at Old Town with Phil and Henry Schnell. Back at 10⁰⁰. Got 2 Hylas, a Scaphiopus hammondi and about 100 Bufo b. halophilus. There were many these but rather difficult to catch in the tall high grass very wet. Pickled 20 bufo and the rest.

In the afternoon at 2 P.M. went to the country with Phil. It was still cold and cloudy in town but in the back country was clear and comfortable. Had evidently rained some within the past 2 days. Went to Rescanzo, Cuyamaca, Julian, Ramona. Returned at 7 P.M. Hunted only at one point; top of new Vieja's grade. Got 1 X. h.; saw several also A. cutleri.

Dead snakes (all fresh)

Boa large Grade bet Ramona & Ballena

Gophers small abt 3 mi e of Ramona

Gophers med Ramona.

Red Raccoon medium Ramona (fields both sides)

June

Monday 13,

1927

Went to PCEA Convention
at Santa Cruz today.

1927

Tuesday 14,

June

June Wednesday 15, 1927

1927 Thursday 16, June

Saw Levin in S.F. today.

June

Friday 17,

1927

1927

Saturday 18,

June

Did not go out as I returned from PCEA Convention at Santa Cruz at noon and had too much work to do.

June

Sunday 19,

1927

Went out to Henshaw dam with the family. Started at 10³⁰; returned at 6⁴⁵. A fine clear day, not uncomfortably warm in the back country. Ramona, Santa Isabel, Henshaw Junction, Rincon, Pala, Bonsall, Escordido, home. 162 miles.

Stopped for lunch at Henshaw Junction and this was the only place I did any hunting. Went up the creek about 1/2 mile. Saw several *S. o. kiseratus*. Got about 1 doz small *Bufo b. holophilus*.

Snakes.

1 *R. lecontei* large D.O.R. Chollas Hts.

1 *S. g. hexalepis* large D.O.R. Ballena

1 *Gopher* medium. Caught alive Rincon.

Got these one by following a track. Followed several others but did not find them.

1 *Gopher* medium D.O.R. Pala.

1 *Gopher* large D.O.R. Bonsall.

1 *Gopher* large D.O.R. Escordido

1 *Racer* (Red) large D.O.B. Murawids.

There were two others that might have been snakes but did not stop. One especially on Lacey Grade was promising

1927

Monday 20,

June

June

Tuesday 21,

1927

Longest Day

Went to El Cajon to make up Rotary attendance. A clear cool day. 33 miles. start at 11 AM; Returned at 2 P.M.

1 *Rhinoceros lecontei* large D.O.R. at start of new University Extension highway in east San Diego.

1927 Wednesday 22, June

Took venom from 17 snakes today.
Shipped to Sherrin and Forchel.
Note the following for list.

- 1 Boa laTolla Sumner, large
- 1 Gopher med. Evans, San Onofre
- 1 Gopher: 200 grounds. med.

Met J. K. Strecker today and
showed him my books and specimens.

June Thursday 23, 1927

Went out today with J. K. Streckel of Baylor University. Went to the top of the grade above Santa Ysabel and return. 110 miles. Start at 5 P.M.; return at 6³⁰. A clear day rather uncomfortably warm in the back country.

Stopped at Ballena and hunted in rocks. Got 1 Uta. Saw Uta, skellys & rattles.

Stopped above Santa Ysabel. Saw a whiptail.

Dead snakes:

Witch Creek 1 Garter D.O.R. by
 Ramona 1 Garter D.O.R. by
 Top of Messy 1 Garter (fresh) D.O.R. by
 Middle of Messy 1 Arizona D.O.R.

1927

Friday 24,

June

Continued from Sunday June 26th

The young *B. c. californicus* can be recognised by white spots and back of vertebral stripe.

In the evening caught a small *B. b. halophilus* in the road at the mine and a large *B. c. californicus*.

June

Saturday 25,

1927

Started out with the family for Pine Valley at 2 P.M. arriving at 4¹⁵. A moderately cool day. Total miles 56.

One juv. gopher D.O.R. at Alpine

One large gopher caught crossing the road just beyond Alpine. Was having a hard time making headway on the slippery pavement.

After supper in the dusk went out and hunted in the rocks north of the barn. Got nothing.

Then hunted along the creek at the bridge with flashlights. Caught 3 Thylos arenicolor. They were calling along the edges of the creek with a few H. regilla also calling. The call is more musical than that of H. regilla.

1927

Sunday 26, June

A fairly cool semi cloudy day. Started for Noble's mine at 9 AM with Philip returning at 12¹⁵. 14 miles. On the way to Noble's mine saw whiptails and caught a horned toad. Hunted along the creek at the mine and caught a medium garter. Then drove to Deer Park (Bunn's Camp). On the way back stopped to hunt in the rocks 1 mi north of the concrete bridge. Hunted an hour and got only 1 whiptail. Saw plenty Uta and Skellys.

In the afternoon took a ~~46~~ 69.5 mi drive with the family starting at 2¹⁵ and returning at 5. Importantly warm at Pine Valley - hot at Tecumseh.

1 Gopher, small DOR at La Posta

1 Gopher large ^{do}

1 Western Yellowbelly ^{large} DOR at Boulevard

(4.2 mi east of Junction) Had been run over but a short time before. Still squirming and a good specimen. ^{large}

1 Spotted Night DOR Clover Flat (9 mi E. of Camp)

1 Pacific Rattles large DOR. 4 mi S. of Buckmans.

Stopped at the big backwater pond where road crosses Cottonwood S. of Buckmans and got many young *H. arenicolor*, *B. b. halophilus* and *B. c. californicus*. There were thousands. Some still polywogs, some with tails but in grass

Continued to Friday 27th

June Monday 27, 1927

Came in from Pine Valley starting
at 6⁴⁵ 49 miles.

1 medium Mitchellii DOR Pine Valley
1 large Patchnose DOR Alpine Grade.

1927

Tuesday 28, June

Went out on a Mariposa Lily Expedition with Chichering and Fleming. A fine clear day, not overly warm in the buck country. Started at 1 P.M. got to Cuyamaca Lodge at 5³⁰. Side trip to Pine Valley and also to Shouder Mt S. and Middle Peak. Total miles 71.

First stopped at Wildwood Glen where I caught a medium garter in a pool. Saw Utas here.

Stopped on Pine Valley Grade. Saw Utas.

1 Alligator lizard VOR Cuyamaca.

After supper hunted for frogs but got nothing. Heard Hylas^{es} but couldn't reach them.

Spent the night at Cuyamaca Lodge. Fine place.

One garter see above.

June Wednesday 29, 1927

Started out this morning at 7 AM.

A fine clear cool day except somewhat hot in the vicinity of Pala. The fact that so few snakes were seen proves that the tapering off in the catch at this time is not due to the weather. Travelled via Julian Pine Hills, Santa Ysabel, Henshaw Dam, Palomar, Pala, Bonsall, Oceanside and Home. Reached office at 4³⁰. Left Chickering at Oceanside, Fleming at Torrey Pines. 137 miles. Hunted at Pine Hills and n. of Santa Ysabel but for Manpoias not snakes.

Saw a whip tail on the west shoulder. Five snakes seen as follows.

One gopher large west end of Palomares just at the beginning of the grade. Was crossing the road. Could not stop car in time and lost him over the bank.

1 Boyles' King DOR. large, fresh 1/2 way bet Pala & Bonsall.

1 Pacific garter DOR. 4 mi E of Bonsall.

1 Gopher large DOR La Costa

1 Red Racer large DOR Moreno.

Found the following on my dog step on coming home.

3 garters 1 v. n. east of Imperial beach.

1 King Snake mid cal spotted Swarthwater down.

2 Horned Toads Imp. Beach L. I. Bridge 4368 ft. alt.

1927

Thursday 30,

June

July

Friday 1,

1927

1927

Saturday 2,

July

Started for Pine Valley alone at 1 P.M.
Arrived at 3 P.M. Went via Encanto and
cut off to Orange via El Cajon. 51 miles.
A moderately cool day.

1 med gopher DOR beyond alpine
Hospital.

Went out before supper to the
bridge and after supper around
the camp with flash lamp but got
nothing.

July

Sunday 3,

1927

In the afternoon drove to Clover Flat via White Eagle with Phil. At Clover Flat got many B. b. holophilus from very small to large juvenile, few small B. c. californicus and few Hyla regilla.

At Cottonwood got

many Bbh

many Bcc.

many Hyla reg.

Few Hyla aren.

There were a few unmetapleomorphic polywogs in the pond, probably Bcc. as many of latter were very small.

Noted a whiptail at Clover Flat.

Walked across the valley in the evening and heard the Bcc trill also H. r. and H. a. but caught nothing. Total miles 49. No snakes seen alive or dead.

Weather comfortable

1927

Monday 4,

July

In the morning the kids brought in 4 small garters from Pine Creek. In the afternoon went along pools across the valley and caught 10 more garters. A little later kids caught a gopher. In the evening went out with Phil. across the valley and caught 2 B.c. large and 3 medium. Heard the trill again but could not follow up. Also H. v and H. a.

Weather can go later

July

Tuesday 5,

1927

Shipped toads to Grinnell and
misc. to Patch at Ottawa.

Recd today from Abbott a Ring-neck
taken by Fred Kelsay at Pine Valley
June 22nd. Enter this for last month.

Drove in from Pine Valley this AM
starting at 6³⁰ and arriving at 8 AM.
47 miles.

1 small DOR at Bostonia - Couldn't identify
of c. haw.

1 large long nose DOR at La Mesa
City limits. (new pavement) near Colorado.

1927 Wednesday 6, July

Took Venom from 22 snakes.

Worked hard tonight preserving specimens. Also shipping to Markers via Ellender and G. L. Chas.

July Thursday 7, 1927

1927

Friday 8,

July

This morning went out at 5³⁰ to see if any toads could be found at Mission Valley bridge. Not a sign either here or at pools further up the valley which pools were permanent enough to contain young fish.

Got one garter snake under dried scum. Med.

July Saturday 9, 1927

Started for Pine Valley at 1 PM.

Arriving at 3. A rather warm day. 47 mi.

1 Calif King DOR at El Cajon L

1 Red racer DOR at Twin Brooks M.

In the evening walked around for
a short time and got 1 large B. c. californicus.

1927

Sunday 10,

July

Went to Cortezmadera twice and Guatay once. 29 miles. No snakes on the road and no lizards. Rather hot.

Hunted frogs on the bank of the lake at Cortezmadera but saw nothing.

In the creek between Cort- and Pine Valley got 10 small *Hyla regilla* and 1 small *Hyla arenicolor*.

Saw one medium garter in the creek but lost him.

In the evening went out along pine creek to locate the trillers!

Heard them again but could not locate. Got 1 *Hyla regilla* and 1 *Hyla arenicolor*. Former was croaking.

July

Monday 11,

1927

Came in from Pine Valley this AM
starting at 6³⁰.

1 Mexican garter DOR at Guatay.
Saw a whiptail $\frac{1}{2}$ way down the
new Descanso grade.

1927

Tuesday 12,

July

Received a very neck large. from Nat
Hist. said to have been taken at art
Gallery.

July Wednesday 13, 1927

1927

Thursday 14,

July

July

Friday 15,

1927

Karl says Boyles King des gorged a
kind

1927

Saturday 16, July

Started for Pine Valley at 1³⁰ P.M.
arriving at 3³⁰. Alone. A hot day.
Went via El Cajon Ave. miles 47

Only one snake seen this trip.
1 long nose at Flynn Springs D.O.R.

In the evening went out for a
walk where the fire had been
across the Valley. got 1 large *Bufo*
boreas halophilus.

Also Philip gave me a Calif.
King med he had caught at Cuyamaca
(north end of the lake) and a *Hyla*
regilla from Pine Valley.

July

Sunday 17,

1927

A hot day. Started out with family at 9⁰⁰ for Rattlesnake (Harper's Valley) Went to Desert View not knowing the road and then came back to north end of Cuyamaca Lake and found road. Went to Harper's for lunch.

Hunted along the creek. Saw Stellys, Uta and Hyla. Caught 3 of the latter in the grass. Returned to Pine Valley at 3³⁰. No snakes seen. Total miles 61.

Started at 5 P.M. for Cottonwood Pond with kids and Cotton Kids. Returned at 7 P.M. miles 19. Hunted at pond for about 1 1/2 hrs. Released one Buzzard caught in traps.

Found 3 Ranae in a side pond and caught 2. Very few Bufo boreas hal (young) in sight but got a few. Quite a few Hyla arenicolor some apparently full grown. Many Hyla regilla some full grown. Some were quite a ways up the Cañon in dry ground. Many Bufo cognatus calif. of all small sizes. The largest were more plentiful in dry ground along sides of cañon. Caught 1 medium size (about 1 1/2" long) at dusk. Large small are scarce than very small.

Caught one small alligator on the side of a rock (hunting?) at dusk and saw a whip tail.

The B.C.C are quite hard to catch in brush

1927 Monday 18, July

Started in from Pine Valley driving
the Max at 6³⁰ and arrived at
8³⁰. Quite warm. Alone. 47 mi.

1 Trimorphodon med 3 mi e of Flynn
Springs. D.O.R. Saved specimen.

② long nose lg. Rolando V.O.R.

1 fresh, dry

1 Patch nose V.O.R. med Rolando dry.

Today recd from Fleming via
Natural History!

1 Small Coral King from Palomar.

1 Small garter do.

they travel with a series of very rapid short hops.

July

Tuesday 19,

1927

Shipped about 325 toads to
Glewin and 58? to Streckel.

Received today from Abbott.
A pickled Red Racer. Hank Stephens
La Puente July 1927.

The other Red Racer in June was
also from La Puente.

California King ate alligator lizard
while in a flow sack.

1927 Wednesday 20, July

Worked in the laboratory this evening.

Found Stephens red racer (see yesterday) so bad it had to be thrown away.

Date. July 5th 1927. La Puerta.
Caught in Rat Trap.

Went to La Mesa Rotary lunch today. Saw nothing 20 miles.

July Thursday 21, 1927

Noted that a gopher had laid eggs
in captivity today.

1927

Friday 22,

July

Removed venom from 45 snakes
today

1 medium Red rattles had absolutely
colorless venom.

July

Saturday 23,

1927

1927

Sunday 24,

July

July

Monday 25,

1927

Talked snakes at Chula Vista
Rotary Club today. A hot day 16 mi.
1 Calif King (mixed specimen) DOR
at Chula Vista. Large.

At the Zoo got one Spotted Night
Mrs. Wm. McMillan 5115 Radio Drive
7/24/27.

Also 1 *Crotalus tigris*? from
Cañon Diablo Arizona.

Also 4 *Ensatina croceata* from
John Strick's Mine near Julian. Caught
by Ed Cooper. 2 large OK, 1 med. Rather
dried, 1 small dead. 1 Cluster of
eggs. Covering opaque.

1927

Tuesday 26,

July

July Wednesday 27, 1927

1927 Thursday 28, July

July

Friday 29,

1927

1927

Saturday 30,

July

Pickled the 4 *Ensatinas* from Julian today.

The two largest measured as follows.
 Total length $5\frac{3}{8}$ " tail $2\frac{1}{4}$ "
 do do do do $2\frac{3}{8}$ "

There were 14 eggs in the bunch.
 They adhere together. Yellowish
 and opaque. Practically round.
 Diam $5/16$ ".

Recd from Abbott today - 2 yarters
 Caught by Huey from Laguna Hanson.

measured 4 cal. striped new
 eggs (uterus), deposited in captivity
 about July 28

$2\frac{1}{16}$ x $\frac{3}{8}$

2 x $\frac{1}{16}$

$2\frac{1}{32}$ x $\frac{1}{16}$

$2\frac{1}{16}$ x $\frac{3}{8}$

July

Sunday 31,

1927

McCarthy writes from Winslow.
All snakes were taken between
Denison and Cañon Diablo 20-30
miles west of Winslow.

1927

Monday 1, August

A Boyles King snake with dark
between all the light scales in
the light areas.

Set a clutch of gopher snake
eggs today.

August Tuesday 2, 1927

1927 Wednesday 3, August

August Thursday 4, 1927

1927

Friday 5,

August

August Saturday 6, 1927

1927

Sunday 7, August

August Monday 8, 1927

Took venom today from 17 snakes. Got hooked in the left thumb by one fang of a C. exul. More of a slash than a puncture. Felt pain instantly. Put on tourniquet. Sucked wound. Then used about 6 c.c. of anti-venomine. Not much pain. Evidently got very little.

This evening thumb slightly numb. Arm quite sore where anti-venomine injected.

1927

Tuesday 9, August

Today my thumb is practically well but arm quite sore where antivenin was injected. No better at night.

Recd a gopher from Geo. Brown from Onyx mine.

Shipped Quaker to Strecker.

Removed f venom from 3 snakes.

August Wednesday 10, 1927

Recd today from Abbott a young red racer from Mission Valley; also he told me of a large red ^{rattler} ~~racer~~ from same locality which he is taking to Nat. Hist. Museum.

Thumb is quite well tonight; arm considerably better, but still poor.

1927 Thursday 11, August

Arm almost well but itching
some.

August Friday 12, 1927

Am still itches

Aug 24

1927 Saturday 13, August

Pill itching.

August Sunday 14, 1927

Bad hives on arm last night
and this A.M.

Bad in afternoon and evening.

1927

Monday 15, August

Hives very bad this AM but did not bother during the night

Night: Arm swollen and hives quite bad.

August Tuesday 16, 1927

Arm bad last night; no sleep
between 12²⁰ and 4¹⁰ AM.

This morning still swollen

1927 Wednesday 17, August

Good sleep last night; arm
bad again this morning.

Arm decidedly better tonight.

August Thursday 18, 1927

Arm practically well.

1927

Friday 19, August

August Saturday 20, 1927

Ann will

1927

Sunday 21, August

August Monday 22, 1927

Removed venom from 46 snakes.

1927 Tuesday 23, August

Drove to Los Angeles starting at 7⁴⁰ A.M. Miles in country 61. A cool day; very comfortable. With family.

1 Long nose large D.O.R. La Costa Downs
 1 do do do 1 mi. W. of Oceanside

August Wednesday 24, 1927

Returned from Los Angeles. 1 Gopher
wed D.O.R. Pacific Beach.
Cool day. 61 mi in County.

1927 Thursday 25, August

Recd today a Boyles King
from Stevens, taken at Chula Vista
and an alligator lizard from Bane.

3 Rattles Recd from Barnard
were from Lucerne Valley, Mojave Desert.

August Friday 26, 1927

1927

Saturday 27, August

August Sunday 28, 1927

1927 Monday 29, August

August Tuesday 30, 1927

Went to Rotary meeting at El Cajon
with Bill Crabtree. Went via Univ. ext.
30 miles. Nothing seen. An average
warm day.

1927 Wednesday 31, August

September Thursday 1, 1927

1927

Friday 2, September

September Saturday 3, 1927

1927 Sunday 4, September

September Monday 5, 1927

1927 Tuesday 6, September

September Wednesday 7, 1927

Today removed venom from
56 snakes in 1 hour 15 minutes.
Noted that venom comes from both
sides of a double fang.

1927 Thursday 8, September

September Friday 9, 1927

^{Los Angeles}
Drove to Santa Maria today.
Started 4 P.M. 65 miles in city
County limits. Nothing seen. Did
not watch very closely.

1927 Saturday 10, September

L-A. to Santa Maria in late
afternoon and evening. Nothing seen

September Sunday 11, 1927

Santa Maria to Santa Cruz. 1 large
dead gopher at Bradley.

1927 Monday 12, September

September Tuesday 13, 1927

1927 Wednesday 14, September

September Thursday 15, 1927

1927

Friday 16, September

September Saturday 17, 1927

1927 Sunday 18, September

September Monday 19, 1927

1927 Tuesday 20, September

Drove down from L.A. today. a clear warm day. Started at 2 P.M. arrived at 6¹⁵. 62 miles in County.

1 Trematophodon 5.5 mi. S. of Co. line. (about $\frac{1}{2}$ mi from Coast. Heavy brush along road side on one side, bean field on other) no granite. but a few chunks a mile or so down the road.

1 Gopher Med 8.9 mi S. of County line.
Los Flores = 60. mi. Co. line = 48.0.

Los Flores 14 mi south.

1 Red Racer large DOR at Los Flores.

1 large? at La Costa probably gopher.

1 large Cal Racer DOR Hog Cañon.

September Wednesday 21, 1927

Today saw a *Phyllorhynchus*
taken by Stephens at La Puente July 27th
Enter this under July.

1927 Thursday 22, September

September Friday 23, 1927

1927 Saturday 24, September

September Sunday 25, 1927

1927 Monday 26, September

September Tuesday 27, 1927

1927 Wednesday 28, September

September Thursday 29, 1927

1927 Friday 30, September

October Saturday 1, 1927

1927

Sunday 2, October

October Monday 3, 1927

1927 Tuesday 4, October

Drove to La Jolla & back via
Pt. Loma. 40 mi. 1 gopher
large D.O.R. at La Jolla Hermosa.

October Wednesday 5, 1927

Removed venom today from
35 snakes.

1927

Tuursday 6, October

October Friday 7, 1927

Went to La Mesa to see Wright.
A warm day. Radio road 24
miles. Nothing seen

1927

Saturday 8, October

October Sunday 9, 1927

1927 Monday 10, October

October Tuesday 11, 1927

1927 Wednesday 12, October

October Thursday 13, 1927

1927

Friday 14, October

October Saturday 15, 1927

1927 Sunday 16, October

October Monday 17, 1927

1927 Tuesday 18, October

Went to El Cajon Rotary. A warm
day 30 miles. Radio road. Nothing
seen.

October Wednesday 19, 1927

1927 Thursday 20, October

October Friday 21, 1927

1927

Saturday 22, October

October Sunday 23, 1927

1927 Monday 24, October

October Tuesday 25, 1927

1927 Wednesday 26, October

Driving home at midnight in a
light rain got 1 Bufo korras halophilus
crossing fourth street.

October Thursday 27. 1927

Rainy today, the first real rain of the season.

Tonight Philip and I went out on El Cajon Avenue where a toad migration had been reported in the Union as occurring the night before. Started at 6⁴⁵ and returned at 8⁰⁵. Was raining quite hard at times.

Many toads were observed crossing El Cajon and many were seen to be run over. We stopped at several points between 3rd and Euclid and picked up toads along the curb. In about 30 minutes of actual collecting we got

36 *Bufo boreas halophatus*.

7 *Scaphiopus hammondi*

and 4 large *Hyla Regilla*

No small toads were seen.

Best toad hunting I ever saw.

Miss Anna Brought me 1 S. ham.
this AM.

1927

Friday 28, October

Went out along El Ceyon avenue
at noon but saw no live toads.

Fewer smashed toads than I expected;
they must have been washed away last
night.

Went out at 7 P.M. to same location
to night. A clear dry night.
Only 1 toad caught. It evidently
must be actually raining to
bring them out.

October Saturday 29, 1927

1927

Sunday 30. October

October Monday 31, 1927

Went out on El Cajon Ave tonight with Phil. about 2 hours. Rained all day but was light tonight. Stopped before we came back.

Got 15 spade foots, 4 Hyla regilla; about 15 B.b. halophilus.

The spade foots croak in the jar. The Bufo's twitter.
 Frogs (Bufo) h. t. etc. less
 plentiful than first night

1927 Tuesday 1, November

November Wednesday 2, 1927

1927 Thursday 3, November

Found a *Batrachoseps* under
a rock in the garden today.

November Friday 4, 1927.

Saw today a large T. o. hammondi
that had given birth (in captivity) Oct 30
to 25 young. Counted them. Was from
Nestor.

1927 Saturday 5, November

November Sunday 6, 1927

1927 Monday 7, November

November Tuesday 8, 1927

Drove out to Munnelwaua ranch
house, Tamul this afternoon. 1 gate
D.O.R. at Helix. Dark beyond Tamul.
25 miles.

1927 Wednesday 9, November

Drove back. nothing seen.

November Thursday 10, 1927

1927

Friday 11, November

November Saturday 12, 1927

1927 Sunday 13, November

November Monday 14, 1927

1927 Tuesday 15, November

November Wednesday 16, 1927

1927 Thursday 17, November

November Friday 18, 1927

1927 Saturday 19, November

November Sunday 20. 1927

1927 Monday 21, November

November Tuesday 22, 1927

1927 Wednesday 23, November

November Thursday 24. 1927

1927 Friday 25, November

November Saturday 26, 1927

1927 Sunday 27, November

November Monday 28, 1927

1927 Tuesday 29, November

November Wednesday 30, 1927

1927 Thursday 1, December

December Friday 2, 1927

1927 Saturday 3, December

December Sunday 4, 1927

1927 Monday 5, December

December Tuesday 6, 1927

1927 Wednesday 7, December

December Thursday 8, 1927

1927 Friday 9, December

December Saturday 10, 1927

1927 Sunday 11, December

December Monday 12, 1927

1927 Tuesday 13. December

December Wednesday 14, 1927

Spent the Morning with Storer

1927 Thursday 15, December

December Friday 16, 1927

1927 Saturday 17, December

Spent the afternoon and
evening with do Amaral

December Sunday 18, 1927

Drove out to Witch Creek and back with Do Amaral. Nothing seen. A clear cool day; snow in the mountains, miles.

Do Amaral left for San Francisco on the two o'clock train.

This afternoon found eggs of *Batrachoseps attenuatus*? under a barrel in the garden.

Turned out to be slug eggs (1-20-28)

1927 Monday 19, December

Red today ~ Alligator lizards and
1 Juvenile gopher from Pacific Beach.
Taken under a house.

December Tuesday 20, 1927

1927 Wednesday 21, December

A heavy rain this afternoon. Rather cold. Went out with Philip in the evening looking for toads. Usual place along El Cajon Ave. Got nothing. Heard Hylas. Saw dead one and two alive while driving along.

December Thursday 22, 1927

Shortest Day

1927 Friday 23, December

December Saturday 24, 1927

1927 Sunday 25 December

December Monday 26, 1927

1927 Tuesday 27, December

December Wednesday 28, 1927

1927 Thursday 29, December

December Friday 30, 1927

1927 Saturday 31, December

Notes for 1928

Memoranda

Memoranda

Account with Mulford & Co.

July 30	J.D. Keim	C. atrox	from Ripley	3-
Aug 26	D. Barnard	2 C. oreganus + 1 C. mitchellii		
		from Lucerne Valley		6-
Spt 8	J.D. Keim	C. atrox	from Ripley	3-
Oct 3	D. Barnard	4 C. oreganus		8-
Oct 6	W.F. Awerett	Photos		37.50
Nov 25	J.D. Keim	C. atrox	large	5.00
1928 May 1	D. Barnard	2 C. oreganus, 1 C. cerastes		62.50 5.00
	17 C.L. Evans	3 molossus, 2 Tigris, 1 hatch.		19.00
June 6	D. Barnard	2 C. oreganus, 1 mitchellii		6.50 2.50
July 7	Evans	2 C. oreganus, 1 atrox, 3 cerastes		5-
July 31	Keim	1 C. atrox large		3.00
		call it balanced at this pt		-50

Memoranda

Memoranda

Memoranda

JANUARY—CASH	REC'D	PAID

FEBRUARY—CASH

REC'D

PAID

MARCH—CASH

REC'D

PAID

APRIL—CASH

REC'D

PAID

MAY—CASH	REC'D	PAID

JUNE—CASH

REC'D

PAID

JULY—CASH

REC'D

PAID

AUGUST—CASH

REC'D

PAID

SEPTEMBER—CASH

REC'D

PAID

OCTOBER—CASH

REC'D

PAID

NOVEMBER—CASH

REC'D

PAID

DECEMBER—CASH

REC'D

PAID

SUMMARY—CASH	REC'D	PAID
Cash on hand Jan. 1st		
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		
Total		
Balance to new Acc't		

POSTAGE

CLASSIFICATION	DOMESTIC	FOREIGN
Letters, First Class Matter.....	2c. per oz. ^{oo}	°
Post Cards (Private)	2c. each	°
Postal Cards (Government).....	1c. each	°
Newspapers, Magazines, Periodicals.....	2c. for each 2 ozs.*	°
Circulars and miscellaneous printed matter, also mdse.,	1½c. for each 2 ozs.*	°
Merchandise, catalogs, etc., over 8 ozs....	Zone rates apply	°

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^{oo} Drop letters, 1c. per oz.

[†]The rate on printed books or catalogs having 24 or more pages, seeds, bulbs, etc., weighing 8 ozs. or less, is 1c. for each 2 ozs. or fraction thereof.

*Limit of weight, 8 ozs. Over 8 ozs. subject to 4th class rates.

°For foreign rates and conditions, inquire at Post Office.

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REQUIREMENTS.—Sender's name and address must appear on package—otherwise unavailable; parcels over four ounces must be mailed at post office or places designated—not in street boxes; contents easily examined; limit of size, 84 inches in length and girth combined.

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Subject to change after going to press.

CALENDAR FOR 1928

1928	S	M	T	W	T	F	S	1928	S	M	T	W	T	F	S
Jan.	1	2	3	4	5	6	7	July	1	2	3	4	5	6	7
	8	9	10	11	12	13	14		8	9	10	11	12	13	14
	15	16	17	18	19	20	21		15	16	17	18	19	20	21
	22	23	24	25	26	27	28		22	23	24	25	26	27	28
	29	30	31	...	...	...	...		29	30	31	...	...	...	...
Feb.	...	...	...	1	2	3	4	Aug.	...	...	...	1	2	3	4
	5	6	7	8	9	10	11		5	6	7	8	9	10	11
	12	13	14	15	16	17	18		12	13	14	15	16	17	18
	19	20	21	22	23	24	25		19	20	21	22	23	24	25
	26	27	28	29	...	...	...		26	27	28	29	30	31	..
Mar.	...	...	...	...	1	2	3	Sept.	...	...	...	...	...	...	1
	4	5	6	7	8	9	10		2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
									30	...	...	...	...	...	...
Apr.	1	2	3	4	5	6	7	Oct.	..	1	2	3	4	5	6
	8	9	10	11	12	13	14		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
	29	30	...	...	...	...	...		28	29	30	31	...	...	...
May	...	...	1	2	3	4	5	Nov	...	...	...	...	1	2	3
	6	7	8	9	10	11	12		4	5	6	7	8	9	10
	13	14	15	16	17	18	19		11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	...	...		25	26	27	28	29	30	..
June	...	...	...	...	...	1	2	Dec.	...	...	...	...	...	...	1
	3	4	5	6	7	8	9		2	3	4	5	6	7	8
	10	11	12	13	14	15	16		9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
									30	31	...	...	...	...	...

